

CLAIMS

What is claimed is:

1. A sunshade for use with a side window assembly of a vehicle, the side window assembly including a window frame, a window movable relative to the frame and a sealing member to seal a periphery of the window, the sunshade comprising:

a shade panel to reduce an amount of light passing through a portion of the window, the shade panel to removably attach to the side window assembly by engaging a portion of the shade panel between an inner surface of the window and the sealing member.

2. The sunshade of claim 1, wherein the shade panel removably attaches to the side window assembly by engaging an upper peripheral portion and a first side peripheral portion of the shade panel between the inner surface of the window and the sealing member.

3. The sunshade of claim 2, wherein the upper peripheral portion and the first side peripheral portion of the shade panel are shaped and sized to generally conform to shape of one of upper corner regions of the window.

4. The sunshade of claim 1, wherein one of upper corner regions of the shade panel has an angle that is less than 90 degrees to substantially conform to one of upper corner regions of the window.

5. The sunshade of claim 1, wherein one of upper corner regions of the shade panel has an angle that is greater than 90 degrees to substantially conform to one of upper corner regions of the window.

6. The sunshade of claim 2, wherein the shade panel further includes a second side peripheral portion that generally inclines upward from one end of the first side peripheral portion to one end of the upper peripheral portion.

7. The sunshade of claim 1, wherein the shade panel comprises a flat panel that is capable of blocking between 75%-95% of visible light.

8. The sunshade of claim 1, wherein the shade panel comprises a flat panel that is capable of blocking greater than 95% of visible light.

9. The sunshade of claim 1, wherein the shade panel is made of a plastic material.

10. A system comprising:

a side window assembly for a side door of a vehicle, the side window assembly including a window frame, a window movable relative to the frame and a sealing member coupled to the window frame to seal a peripheral of the window; and

a shade member capable of reducing an amount of light transmitted therethrough, the shade member including a first section to removeably couple to an upper frame region of the window frame between the inner surface of the side window and the sealing member and a second section to removably couple to a side frame region of the window frame between the inner surface of the side window and the sealing member.

11. The system of claim 10, wherein the shade member includes a third section coupled between the first section and the second section to reduce transmission of light therethrough.

12. The system of claim 11, wherein the third section has different thickness than the first and second sections.

13. The system of claim 12, wherein the third section is made of flexible material.

14. The system of claim 12, wherein the first and second sections are made of semi-rigid or rigid plastic material.

15. A method comprising:
providing a structure capable of reducing an amount of light transmitted therethrough;
sliding the structure along an inner surface of a side window of a vehicle; and
engaging a first peripheral portion of the structure between the inner surface of the side window and a sealing member portion affixed to an upper frame portion of a window frame.

16. The method of claim 15, further comprising engaging a second peripheral portion of the structure between the inner surface of the side window and a sealing member portion affixed to a first side frame portion of the window frame.

17. The method of claim 15, wherein the structure comprises a shade panel having at least one upper corner shaped to substantially conform to an upper-rear corner region of the side window of a front side door of the vehicle.

18. The method of claim 15, wherein the structure comprises a shade panel having at least one upper corner shaped to substantially conform to an upper-front corner region of the side window of a rear side door of the vehicle.

19. A method comprising:
providing a structure capable of reducing an amount of light transmitted therethrough; and
shaping the structure such that, when the structure is resiliently engaged between an inner surface of a side window of a vehicle and a sealing member of a window frame, a first peripheral portion of structure engages an upper frame region of the window frame and a second peripheral portion of the structure engages a side frame region of the window frame.

20. The method of claim 19, further comprising:
shaping the structure such that a corner region defined by the first peripheral portion and the second peripheral portion of the structure substantially conforms to an upper corner region of a side window of a vehicle.

21. The method of claim 20, further comprising reducing an amount of sunlight passing through an upper region of the side window of the vehicle by engaging the first peripheral portion of the shaped substrate between the inner surface

of the side window and the sealing member along the upper frame portion of the window frame.

22. The method of claim 20, wherein the corner region defined by the first peripheral portion and the second peripheral portion of the structure has an angle that is less than 90 degrees to substantially conform said one of upper corner regions of the window frame.

23. The method of claim 20, further comprising shaping a region of the structure opposite to the first peripheral portion and the second peripheral portion such that when the substrate is attached to the side window, the substrate does not obstruct a view of a person in the vehicle.

24. The method of claim 20, wherein the substrate comprises a flat panel having a degree of transparency in a range of 5% to 30%.

25. The method of claim 20, wherein the substrate comprises a flat panel made of a plastic material.

26. A shade structure comprising:

an upper peripheral region to engage between an inner surface of a window and a sealing member to seal an upper periphery of the window;

a first side peripheral region to engage between the inner surface of the window and the sealing member to seal a first side periphery of the window; and

a shading region provided between the upper peripheral region and the first side peripheral region.

27. The shade structure of claim 26, wherein at least a portion of the upper peripheral region is provided with a gripping member to provide stronger grip between the inner surface of the window and the sealing member,

28. The shade structure of claim 26, wherein at least a portion of the upper peripheral region is thicker than the shading region.

29. The shade structure of claim 26, wherein the shade region is shaded with multiple shade intensities.

30. The shade structure of claim 26, wherein the shading region further includes a foldable section.

31. The shade structure of claim 26, wherein the shading region further includes a bendable section.

32. The shade structure of claim 26, wherein the shading region further includes a movable section.